

said first mode executes a QoS control based on a result of said second step, and

said second mode skips said first step and said second step; and

based on a packet communication performing the selected mode.

6. A QoS (Quality of Service) control method according to claim 5, wherein said second mode includes the step of reading out data corresponding to said header information of the input packet from a referring priority information table, so as to execute QoS control based on the data.

7. A QoS (Quality of Service) control method according to claim 5, wherein said selecting step includes the step of making a selection for each packet based on the port number to which said packet is related.

8. A packet communication system for transmitting a packet, said packet having header information including address information, a port information, and a DS (Differentiated Services) value, comprising:

a plurality of input lines;

a plurality of output lines;

a switching unit connected to said input lines and said output lines, said switching unit outputting said packet from